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toms, unable to absorb iron or in need of iron reserves, parenteral administration has distinct advantages. The saccharated oxide of iron is an effective preparation for this purpose.

Coleman, D. H.; Steven, A. R., Jr.; and Finch, C. A.: Treatment of Iron Deficiency Anemia, Blood 10:567-581 (June) 1955

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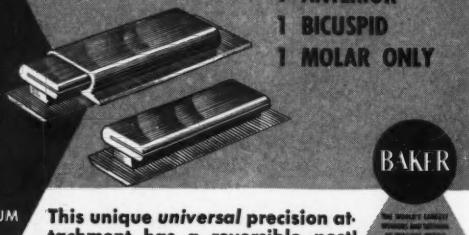
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(See pages 554 and 555)

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**Cleft Lip
and Palate**

Occurrence of Abnormality

Some degree of cleft lip and palate occurs in about one in every 850 live births. There is a wide difference, however, in reports of incidence, and the apparent increasing incidence may merely reflect more accurate statistics, the effect of laws requiring the reporting of all congenital anomalies, or a greater number of conceptions resulting in live births.

Classifications of Cleft Lips—One authority classifies cleft lips as simple, in which there is a unilateral cleft without an associated cleft of the maxilla; complete, and incomplete cleft, with bridging between both edges of the cleft; and cleft palates as those involving (1) the soft palate only, (2) the hard and soft palate and extending no further than the incisive foramen, (3) the hard and soft palate and alveolar arch of the maxilla on one side—usually associated with unilateral cleft lip, and (4) the hard and soft palate and alveolar arch of the maxilla on both sides, usually associated with bilateral cleft lip.

Bilateral Cleft—It was found in one investigation that in about 65 per cent of cases the cleft is bilateral.

Causative Factors

Almost every conceivable causative factor has been suspected of producing this deformity but in most cases with scant evidence. In animal experiments it has been found that a deficiency of riboflavin or pantothenic acid in the diet of the mother during pregnancy, the administration of an excess of cortisone or excess of vitamin A will carry an appreciable increase in the number of offspring born with cleft palate and other deformities.

Rubella—Although the incidence of congenital deformities in human beings is increased by the presence of rubella, this does not seem to apply to cleft lip and palate.

